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JUL 02 2009

In the Claims:

Kindly amend the claims as follows:

1. (Currently amended) Pest A pest control system for controlling various types of pests including rats, mice and other rodents, comprising the following components:
 - one or more detection units, where each unit comprises means for collecting data identifying the type of pest and means for electronically communicating the collected data relating to pest activity and type of pest to a local server after encryption;
 - a local communication server, where the server comprises means for receiving input from the detection units and means for transmitting said input after encryption of the collected data;
 - a central system server, which may collects and treats the collected data received from one or more discrete and/or remote local communications servers such that the treated collected data generates an output either as an alarm and/or as a log registration;
 - software modules incorporating self-learning in response to the generated data and generates predetermined responses in view of the incoming collected data.
2. (Currently amended) Control The control system according to claim 1, characterised in that wherein the detection unit, when the pest is a rodent, comprises one or more of the following detection sensors: infrared temperature and/or movement sensors, mechanical tripping means, and further bait for attracting the particular rodent, or optical means in the shape of digital camera techniques as for example CIF, CCD, or VGA technology cooperating with suitable analysis and recognition software.
3. (Currently amended) Control The control system according to claim 1, characterised in that wherein the detection unit, when the pest is an insect, comprises one or more of the following detection sensors: infrared temperature and/or movement sensors, a plate member comprising a sticky surface arranged such that optical recognition means coupled to a reference database may scan the plate member or, alternatively, the plate member may be placed

in a scanner for data collection, or as a further alternative the plate member may be combined with digital camera techniques as for example CIF, CCD, or VGA technology cooperating with suitable analysis and recognition software, a source of UVA blacklight and/or a source of pheromone or a source of bait.

4. (Currently amended) Control The control system according to claim 1, characterised in that wherein the system further comprises means for exterminating pests in the detection unit.

5. (Currently amended) Control The control system according to claim 1, characterised in that wherein the system further comprises means for transmitting a status report on the current status of the detection unit at predetermined time intervals, and, additionally, is capable of transmitting transmits alarm signals if/when action (activity) is detected in the detection unit.

6. (Currently amended) Control The control system according to claim 1, characterised in that wherein the central server comprises a database where data from the detection units as well as actions in response to such data is stored, and that the data by means of suitable software is used in order to predict possible causes of presence of pests, causes of alarm and/or suggest possible responsive actions, and that wherein the collected data is correlated and integrated with the database.

7. (Currently amended) Control The control system according to claim 1, characterised in that wherein that communication between the components in the system takes place via wireless means or via wire.

8. (Currently amended) Control The control system according to claim 1, characterised in that wherein wireless means comprise Blue tooth technology, Wlan or traditional wireless transmission of data.

9. (Currently amended) Control The control system according to claim 1, characterised in that wherein one or more detection units, and/or the local communication server,

comprise a Local Position System unit or a GPS unit, which LPS or GPS by means of the communication means may convey the components' position.

10. (Currently amended) Control The control system according to claim 7, wherein the wireless means comprise GSM or GPRS.

11. (Currently amended) Control The control system according to claim 7, wherein the wire comprises LAN network, internet, or dedicated wiring.

12. (Currently amended) Control The control system according to claim 1, wherein the means for identifying the type of pest also identifies the activity of that particular pest.

13. (Currently amended) Control The control system according to claim 1, wherein each of the one or more detection units further comprises means for sensing physical factors which may correlate to that factor.

14. (Currently amended) Control The control system according to claim 1, wherein the local communication server further comprises means for processing and storing said input in an accessible storage medium.

15. (Currently amended) Control The control system according to claim 1, wherein the means for identifying the type of pest comprises a digital camera and software programmed on the central system server for image analysis or pattern recognition.